

AMNIOTIC APOPTOSIS MODULATING SUBSTANCES

5     **ABSTRACT OF THE INVENTION**

10     This invention is directed to methods of obtaining  
compounds from human amniotic tissue and/or by  
synthesizing these compounds by chemical and genetic  
15     engineering methods known in the art that modulate  
apoptosis in animals, including humans, their  
preparation, their applications in human conditions  
for the treatment of all disease conditions and  
other conditions in which apoptosis occurs and in  
20     laboratory tests for diagnostic studies and other  
potential uses. The invention describes methods of  
obtaining compositions that modulate apoptosis and  
compositions obtained thereby. These compositions  
are herein referred to as Amnion Apoptosis  
25     Modulators (AAM). AAM includes materials comprised  
of biologically active factors found in amniotic  
tissue and amniotic fluid associated therewith. AAM  
could be manufactured from the amniotic tissue of  
mammalian origin - human, pig etc. All AAMs,  
30     derived from amnions or chemically or genetically  
prepared are physiologically acceptable for  
administration in amount sufficient to modulate  
apoptosis. The invention encompasses methods of use  
of the AAMs.

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